

Dr. Lee Lines
Associate Professor
Department of Environmental Studies
Rollins College – Winter Park, Florida
July 2009

Education:

Ph.D. in Geography (1995) Arizona State University

Advisor: Dr. Patricia L. Fall

Dissertation Title: Bronze Age Orchard Cultivation and Urbanization in the Jordan River Valley

M.A. in Geography (1989) University of Florida

B.A. in Geography (1987) University of Florida

Professional Interests:

Physical geography, appropriate scale, civic hydrology, food and sustainability, national parks, Latin America, western North America.

Professional Awards and Recognition:

Hugh F. McKean Award (recognizes outstanding teaching – graduating seniors select one recipient each year) – **2009**

Diane and Michael Maher Chair of Distinguished Teaching – **2006-present**

Cornell Award for Distinguished Service – **2007**

Arthur Vining Davis Fellowship – **2003**

Most Recognized Professor – Rollins College Student Association – **2000**

Funded Projects:

2008-2009 Rediscovering the Landscape of the Americas

Total funding: \$35,000

Principal investigators: Lee Lines and Barry Allen

Source: Thomas P. Johnson Foundation

Project description: Funding to develop and teach a semester-length immersion experience with Oregon field study component.

2007-2008 Down to Earth or Out to Lunch: The Hidden Landscape of Food in America

Total funding: \$50,000

Principal investigators: Lee Lines and Barry Allen

Source: Thomas P. Johnson Foundation

Project description: Funding to develop and teach a semester-length immersion experience for first-year students with California field component.

2005 – 2007 Location Strategies for the Initial Hydrogen Refueling Infrastructure in Florida

Total funding: \$160,000

Principal Investigators: Lee Lines, Michael Kubby, Ronald Schultz

Source: Florida Hydrogen Initiative (US Department of Energy)

2000 – 2003 Sustainable Development and Transnational Corporations

Total funding: \$350,000

Principal Investigators: Barry Allen, Lee Lines, Tom Lairson

Source: Anonymous donor

Project Description: Funding to establish academic program in sustainable development linking environmental studies and international business.

1998 – 1999 Sustainable Development in Local Communities

Total funding: \$29,970

Principal Investigators: Barry Allen, Lee Lines, Robin Gottfried, Charles Brockett

Source: Associated Colleges of the South

Project Description: Funding to establish a field study program in Dominica. Enhancement of field study program in Costa Rica.

Publications:

2009

Michael Kubby, Lee Lines, Zhixiao Xie, Ronald Schultz, Jong-Geun Kim and Seow Lim. Optimization of Hydrogen Stations in Florida Using the Flow-Refueling Location Model. International Journal of Hydrogen Energy 34: 6045-6064.

2008

Lines, Lee, Michael Kubby, Ronald Schultz, James Clancy, and Zhixiao Xie. 2008. A Rental Car Strategy for Commercialization of Hydrogen in Florida. International Journal of Hydrogen Energy 33: 5312-5325.

Allen, Barry, Lee Lines, and Debra Hamilton. 2008. The Economic Importance of Extending Habitat Protection Beyond Park Boundaries: A Case Study from Costa Rica. The George Wright Forum: Journal of Parks, Protected Areas, and Cultural Sites. 25: 30-35.

2007

Kuby, Michael, Lee Lines, Ron Schultz, Zhixiao Xie, Seow Lim, Jong-Geun Kim, Marissa Williams, and James Clancy. 2007. Location Strategies for the Initial Hydrogen Refueling Infrastructure in Florida. Proceedings of the National Hydrogen Association Annual Hydrogen Conference, San Antonio, TX, March 2007.

Lines, Lee, Michael Kuby, Ron Schultz, Zhixiao Xie. 2007. Hydrogen Refueling Infrastructure and Rental Car Strategies for Commercialization of Hydrogen in Florida. Final Report to Florida Hydrogen Initiative, FHI Agreement No. 2005-01, US Department of Energy Grant Award No. DE-FC36-04G014225.

2004

Fall, Patricia, Steven Falconer, Lee Lines, Mary Metzger. 2004. Environmental Impacts of the Rise of Civilization in the Southern Levant. In The Archaeology of Global Change, edited by C.L. Redman, et al. Washington, DC: Smithsonian Institution Press.

2003

Falconer, Steven, Patricia Fall, Mary Metzger, Lee Lines. 2003. Bronze Age Rural Economic Transitions in the Jordan Valley. In The Near East in the Southwest, Essays in Honor of William G. Dever, edited by Beth A. Nakhai. Boston MA: The American Schools of Oriental Research.

2002

Fall, Patricia, Steven Falconer, Lee Lines. 2002. Agricultural Intensification and the Secondary Products Revolution along the Jordan Rift. Human Ecology 30: 445-482.

2001

Allen, Barry, Lee Lines. 2001. External Economic Pressures and Park Planning: A Case Study from Dominica. In Crossing Boundaries in Park Management: Proceedings of the George Wright Society Biennial Conference: 332-335.

1998

Fall, Patricia, Lee Lines, Steven Falconer. 1998. Seeds of Civilization: Bronze Age Rural Economy and Ecology in the Southern Levant. Annals of the Association of American Geographers 88: 107-125.

1989

Lines, Lee and Larry Harris. 1989. Isolation of Nature Reserves in North Florida: Measuring Linkage Exposure. Transactions of the North American Wildlife and Natural Resources Conference 54.

Paper Presentations:

Lines, Lee, Ronald Schultz, Michael Kuby, Zhixiao Xie. Hydrogen Fuel Cell Refueling Station Locations in Florida: Strategy and Optimization. Florida Society of Geographers Annual Meeting, St. Augustine, 2009.

Kuby, Michael, Lee Lines, Ronald Schultz, Jong-Guen Kim, Seow Lim, Zhixiao Xie. Planning an Initial Hydrogen Refueling Infrastructure in Florida. Association of American Geographers Annual Meeting, Boston, 2008.

Allen, Barry and Lee Lines. Extending Habitat Protection Beyond Park Boundaries: A Case Study from Costa Rica. George Wright Society Biennial Conference, Minneapolis, 2007.

Kuby, Michael, Lee Lines, Zhixiao Xie, Ronald Schultz, Seow Lim, Jong-Geun Kim, Marissa Williams, James Clancy. Location Strategies for the Initial Hydrogen Refueling Infrastructure in Florida. National Hydrogen Association Annual Conference, San Antonio, 2007.

Kuby, Michael, Zhixiao Xie, Seow Lim, Jong-Geun Kim, Ronald Schultz, Lee Lines. Location Strategies for the Initial Hydrogen Refueling Infrastructure in Orlando and Florida. Association of American Geographers Annual Meeting, San Francisco, 2007.

Clancy, James, Michael Kuby, Lee Lines, Ronald Schultz, Marissa Williams, Zhixiao Xie. Feasibility of a Hydrogen Rental-Car Business in Orlando, Florida. Association of American Geographers Annual Meeting, San Francisco, 2007.

Domcekova, Barbara, Alberto Prieto-Calixto, Terry Goodrick, Lee Lines, Jeannie Spencer. Professors as Students: Study Abroad with a Twist. Association of Academic Programs in Latin America and the Caribbean: 16th Annual International Conference, San Diego, 2005.

Allen, Barry and Lee Lines. External Economic Pressures and Park Planning: A Case Study from Dominica. George Wright Society Biennial Conference, Denver, 2001.

Lines, Lee and Barry Allen. Ecosystem Services Provided by Morne Trois Pitons National Park, Dominica. Association of American Geographers Annual Meeting, New York, 2001.

Lines, Lee. Problem-Based Learning: A New Approach to Introductory Science. Lilly Conference on College and University Teaching, Athens, GA, 2001.

Lines, Lee. Problem-based Learning. Strengthening Faculty Development at Liberal Arts Colleges. National meeting held at Rollins College, 2000.

Lines, Lee and Barry Allen. The Importance of World Heritage Sites in Small Island Nations: A Case Study of Morne Trois Pitons National Park, Dominica. Association of American Geographers Annual Meeting, Pittsburgh, 2000.

Lines, Lee and Christopher Miller. Factors Influencing the Establishment of Exotic Avifauna in South Florida. Association of American Geographers Annual Meeting, San Francisco, 1994.

Miller, Christopher and Lee Lines. Potential Impact of Seasonality on Neotropical Extractive Economies. Association of American Geographers Annual Meeting, Atlanta, 1993.

Lines, Lee. International Trade in Wildlife from the Caribbean. Association of American Geographers Annual Meeting, San Diego, 1992.

Lines, Lee. Illegal Trade in Succulent Plants and the Implications for Biodiversity in the Sonoran Desert. Association of American Geographers Annual Meeting, Miami, 1991.

Lines, Lee and Larry Harris. Isolation of Nature Reserves in North Florida. North American Wildlife and Natural Resources Conference, Washington DC, 1989.

Lines, Lee. Conserving Biological Diversity in a Fragmented Landscape. Association of American Geographers Annual Meeting, Baltimore, 1989.

Professional Service:

Chair, Department of Environmental Studies, Rollins College – 2004-present

Chair, Dean of Faculty Search Committee, Rollins College – 2006

Chair, Cornell Distinguished Faculty Award Committee – 2008

Chair, Student Life Committee – 2002-2003

Facilitator, ACS Summer Teaching and Learning Workshop – 2001, 2002

Director, ACS Alliance on Curriculum and Faculty Development – 2004-2005

Co-director, Faculty development workshop: Costa Rica. Associated Colleges of the South and Global Partners (with Barry Allen) – July 2006

Environmental Fellow, ACS Environmental Citizenship Program – 1999, 2002

Faculty mentor, New Faculty Mentoring Team – 2001, 2004, 2007, 2009

Committee member, Student Life Committee – 2001-2003

Committee member, Professional Standards Committee – 1998-2000

Committee member, Faculty Salary Task Force -- 2008

Steering committee member, Johnson Institute for Effective Teaching –
2000-2001

Co-organizer, ACS Workshop on Sustainable Development (Atlanta, GA) 1998

Faculty advisor, Eco Rollins – 2001-2002 and DEVO (Diverse eaters, vegetarians,
and others) – 1999-2001

Field-based Teaching Experience:

Ecuador

May 2009 (16 students) ENV 305 (*Environment and Development in the Andes*)

California

October 2007 (15 students) *The Hidden Landscape of Food in America*

Oregon

May 2005 (7 students) ENV 204 (*Landscapes of Promise*)

Vietnam and Singapore

May 2006 (10 students) POL 325

Dominica

Jan 2002 (11 students) ENV 375

July 1999 (4 students) *Student/faculty research project*

Costa Rica

Jan 2001 (15 students) ENV 365

Feb 1998 (12 students) *ACS Program on Sustainable Development in Costa Rica*

Mar 1997 (13 students) *ACS Program on Sustainable Development in Costa Rica*

Peruvian Amazon

Jan 2003 (17 students) ENV 385

Jan 1999 (16 students) ENV 236

Jan 1998 (16 students) ENV 236

Southern Utah

May 1999 (12 students) ENV 232

Courses Taught:

Rollins College

The Geosphere ENV 130
Conservation of Biodiversity ENV 323
Senior Seminar in Environmental Studies ENV 413
Culture and Agriculture ENV 205
Natural Habitats of Florida ENV 325
Environment and Development in Central America ENV 365
Environmental Issues in Latin America ANT 305
Environment and Development in the Andes ENV 305
Island Economies and Sustainability in the Caribbean ENV 375
Sustainable Development in the Amazon Basin ENV 385
Images of the Environment as Seen Through Film ENV 372
Geography of Endangered Environments ENV 101
Sustainable Development in Southeast Asia POL 385
Landscapes of Promise (with Oregon Field Study) ENV 204
The Unsettling of America ENV 305
Great Journeys RCC 100
Visions of America in Film FIL 450
Introduction to Film FIL 150

Arizona State University

Introduction to Physical Geography GPH 111
Physical Environment GPH 210
Geography of World Crises GCU 350

Participation in Professional Workshops:

ACS Summer Teaching and Learning Workshop – 2002, 2001, 1998
ACS Environmental Fellows Workshop – 2000, 1999
Northeast Regional Workshop on Education for Sustainability – 1997
Rollins Faculty Workshop on Ethics “V” general education requirement – 2003

Professional Memberships:

Association of American Geographers
George Wright Society